EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|--------------------|---------------------|---------|---------------------|
| S1 | 4 | external electrode and thermosetting conductive paste and resin | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 13:59 |
| S2 | 184 | conductive particle and melting point and metal powder and resin and conductive and thermosetting | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 14:00 |
| S3 | 137 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 14:01 |
| S 4 | 38 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree and (weight or mass) near5 percent | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 14:04 |
| S 5 | 15 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree and (weight or mass) near5 percent and (electrode or plate) | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 14:06 |
| S6 | 15 | conductive particle and melting point and metal powder and resin and thermosetting and degree and (weight or mass) near5 percent and (electrode or plate) | US-PGPUB; USPAT | ADJ | ON | 2007/11/14 14:07 |
| S7 | 749 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 13:04 |

| S8 | 583 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 13:08 |
|-----|-----|---|---------------------------|-----|----|---------------------|
| S9 | 198 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) and melting (point or temperature) | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 13:08 |
| S10 | 136 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) and melting (point or temperature) and electrode | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 14:03 |
| S11 | 624 | 361/306.3.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 14:04 |
| S12 | 137 | S11 and conductive (paste or adhesive) | US-PGPUB; USPAT | ADJ | ON | 2007/11/15 14:47 |
| S13 | 0 | H10-172346 | JPO; DERWENT | ADJ | ON | 2007/11/15 14:49 |
| S14 | 14 | "172346" | JPO; DERWENT | ADJ | ON | 2007/11/15 14:49 |
| S15 | 0 | terminal electrode for electronic component | JPO; DERWENT | ADJ | ON | 2007/11/15 14:50 |
| S16 | 624 | 361/306.3.ccls. | US-PGPUB; USPAT | ADJ | ON | 2007/11/16 08:56 |
| S17 | 137 | S16 and conductive (paste or adhesive) and (tin or sn or indium or in) | US-PGPUB; USPAT | ADJ | ON | 2007/11/16 08:56 |
| S18 | 60 | S16 and conductive (paste or adhesive) and (tin or sn or indium) | US-PGPUB; USPAT | ADJ | ON | 2007/11/16 08:56 |
| S19 | 15 | ("4016463" "4759965" "5375035" "5568352" "5793600" "6002575" "6060150" "6292352" "6300686").PN. OR ("6525921").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/11/16 09:15 |

| S20 198 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and melting (point or temperature) and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2007/11/16 09:19 |
|-----------|---|---------------------------|-----|----|---------------------|
| S21 29 | conductive (paste or adhesive).ti. and conductive (powder or particle) and degree and resin and thermoset\$6 and melting (point or temperature) and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2007/11/16 09:22 |
| \$22 IIII | ("2993815" "3256109" "3410714" "3502609" "3679439" "3681135" "3714709" "3791027" "3800020" "3801364" "3808046" "3857798" "3904555" "3960777" "3983075" "4000016" "4001146" "4127699" "4147669" "4186036" "4233103" "4273593" "4278702" "4293451" "4353816" "4352899" "4353816" "4368281" "4396666" "4400214" "4415486" "4457861" "4459166" "449657" "4533685" "4557857" "4564563" "4575432" "4578425" "4581158" "4592861" "4639396" "4678602" "4680141" "4683653" "4696764" "4705647" "4731130" "4732702" "4733018" "4740252" "4756756" "4789411" "4803543" "4789411" "4803543" "4888434" "4816184" "4820446" "4830779" "4888135" "4894184" "4896005" "4882227" "4896005" "5088189" "5136365" "5376403" | US-PGPUB; USPAT; USOCR | ADJ | | 2007/11/16 |

| | | "5463190").PN. OR ("5853622").URPN. | | | | |
|-----------------|------|--|---------------------------|------|---|---------------------|
| S23 | 90 | S22 and (weight or mass) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/11/16 09:53 |
| S24 | 101 | ("2993815" "3256109" | US-PGPUB; | ADJ | ON | 2007/11/19 |
| | | "3410714" "3502609" | USPAT; USOCR | | | 06:38 |
| | | "3679439" "3681135" | | | | |
| | | "3714709" "3791027" | | | | |
| | | "3800020" "3801364" | | | | |
| | | "3808046" "3857798" | | | | |
| | | "3904555" "3960777" | | | | |
| | | "3983075" "4000016" | | | | |
| | | "4001146" "4127699" | | | | |
| | | "4147669" "4186036" | | | | |
| | | "4233103" "4273593" | | | | |
| | | "4278702" "4293451" | | | | |
| | | "4327124" "4352899" | | | | |
| | | "4353816" "4368281" | | | *************************************** | |
| | | "4396666" "4400214" | | | | |
| | | "4415486" "4429657" "4434084" "4457861" | | | | |
| | | "4459166" "4496475" | | | | |
| | | "4533685" "4557857" | | | | |
| | | "4564563" "4575432" | | | | |
| | | "4578425" "4581158" | | | | |
| | | "4592861" "4639396" | | | | |
| | | "4652398" "4673532" | | | | |
| | | "4678602" "4680141" | | | | |
| | | "4683653" "4696764" | | | | |
| | | "4705647" "4731130" | | | | |
| | | "4732702" "4733018" | | | | |
| | | "4740252" "4756756" | | | | |
| | | "4765929" "4775500" | | | | |
| | | "4780371" "4786437" | | | | |
| | | "4789411" "4803543" | | | | |
| | | "4808434" "4816184" | | | | |
| | | "4820446" "4830779" | | | | |
| | | "4836955" "4859268" | | | | |
| | | "4872928" "4874548" | | | | |
| | | "4880570" "4882227" | | | | |
| | | "4888135" "4894184" | | | | |
| | | "4940498" "4971727" | | | | |
| | | "4996005" "5088189" "5136365" "5376403" | | | | |
| | | "5463190").PN. OR | | | | |
| | | ("5853622").URPN. | | | | |
| C 07 | 2007 | · | I IQ DCDI ID: | AD I | ON I | 2009/02/02 |
| S27 | 3007 | layer and capacitor and external electrode | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/03 16:41 |
| S28 | 313 | S27 and thermosetting | US-PGPUB; | ADJ | ON | 2008/03/03 |
| | | | USPAT; USOCR | | 0 | 16:42 |
| S29 | 60 | S28 and conductive | US-PGPUB; | ADJ | ON | 2008/03/03 |
| | | particles | USPAT; USOCR | | | 16:42 |

| S30 | 202 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and melting (point or temperature) and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2008/03/03 16:48 |
|-----|-----|--|--------------------|-----|----|---------------------|
| S31 | 4 | external electrode and thermosetting conductive paste and resin | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S32 | 186 | conductive particle and melting point and metal powder and resin and conductive and thermosetting | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S33 | 138 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S34 | 38 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree and (weight or mass) near5 percent | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S35 | 15 | conductive particle and melting point and metal powder and resin and conductive and thermosetting and degree and (weight or mass) near5 percent and (electrode or plate) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S36 | 15 | conductive particle and melting point and metal powder and resin and thermosetting and degree and (weight or mass) near5 percent and (electrode or plate) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S37 | 773 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S38 | 601 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |

| S39 | 202 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) and melting (point or temperature) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
|-----|-----|---|---------------------------|-----|----|---------------------|
| S40 | 139 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and (weight or mass) and melting (point or temperature) and electrode | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S41 | 647 | 361/306.3.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S42 | 147 | S41 and conductive (paste or adhesive) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S43 | 0 | H10-172346 | JPO; DERWENT | ADJ | ON | 2008/03/04 06:18 |
| S44 | 27 | "172346" | JPO; DERWENT | ADJ | ON | 2008/03/04 06:18 |
| S45 | 0 | terminal electrode for electronic component | JPO; DERWENT | ADJ | ON | 2008/03/04 06:18 |
| S46 | 647 | 361/306.3.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S47 | 147 | S46 and conductive (paste or adhesive) and (tin or sn or indium or in) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S48 | 64 | S46 and conductive (paste or adhesive) and (tin or sn or indium) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
| S49 | 15 | ("4016463" "4759965" "5375035" "5568352" "5793600" "6002575" "6060150" "6292352" "6300686").PN. OR ("6525921").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/04 06:18 |
| S50 | 202 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and melting (point or temperature) and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |

| S51 | 29 | melting (poir temperature) or mass) | and bowder or degree and ermoset\$6 and | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
|-----|-----|--|--|---------------------------|-----|----|---------------------|
| S52 | 101 | "3679439" "3714709" "3800020" "3808046" "3904555" "3983075" "4001146" "4147669" "4233103" "4278702" "4353816" "4353816" "44396666" "4415486" "4459166" "4459166" "4533685" "4578425" "4564563" "4578425" "4592861" "4652398" "4678602" "4705647" "4732702" "4740252" "4740252" "4789411" "4789411" "4808434" "4808434" "4820446" "4836955" "4872928" "4880570" "4888135" "4996005" | | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/04 06:18 |
| S53 | 90 | , | ight or mass) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/03/04 06:18 |

| S54 | 101 | ("2993815" | "3256109" | | US-PGPUB; | ADJ | ON | 2008/03/04 |
|-----|------|--------------|----------------------------|---|--------------|-----|----|---------------------|
| 304 | 101 | "3410714" | 3236109 "3502609" | l | USPAT; USOCR | ADJ | ON | 2006/03/04 06:18 |
| | | | | | USPAT, USCON | | | 00.16 |
| | | "3679439" | "3681135" "3791027" | | | | | |
| | | "3714709" | | | | | | |
| | | "3800020" | "3801364" | | | | | |
| | | "3808046" | "3857798" | | | | | |
| | | "3904555" | "3960777" | | | | | |
| | | "3983075" | "4000016" | | | | | |
| | | "4001146" | "4127699" | | | | | |
| | | "4147669" | "4186036" | | | | • | |
| | | "4233103" | "4273593" | | | | | |
| | | "4278702" | "4293451" | | | | | |
| | | "4327124" | "4352899" | | | | | |
| | | "4353816" | "4368281" | | | | | |
| | | "4396666" | "4400214" | | | | | |
| | | "4415486" | "4429657" | | | | | |
| | | "4434084" | "4457861" | | | | | |
| | | "4459166" | "4496475" | | | | | |
| | | "4533685" | "4557857" | | | | | |
| | | "4564563" | "4575432" | | | | | |
| | | "4578425" | "4581158" | | | | | |
| | | "4592861" | "4639396" | | | | | |
| | | "4652398" | "4673532" | | | | | |
| | | "4678602" | "4680141" | | | | | |
| | | "4683653" | "4696764" | | | | | |
| | | "4705647" | "4731130" | | | | • | |
| | | "4732702" | "4733018" | | | | | |
| | | "4740252" | "4756756" | | | | | |
| | | "4765929" | "4775500" | | | | | |
| | | "4780371" | "4786437" | | | | | |
| | | "4789411" | "4803543" | | | | | |
| | | "4808434" | "4816184" | | | | | |
| | | "4820446" | "4830779" | | | | | |
| | | "4836955" | "4859268" | | | | | |
| | | "4872928" | "4874548" | | | | | |
| | | "4880570" | "4882227" | | | | | |
| | | "4888135" | "4894184" | | | | | |
| | | "4940498" | "4971727" | | | | | |
| | | "4996005" | "5088189" | | | | | |
| | | "5136365" | "5376403" | | | | | |
| | | "5463190") | PN. OR | | | | | |
| | | ("5853622") |).URPN. | | | | | |
| S55 | 3010 | layer and ca | apacitor and | | US-PGPUB; | ADJ | ON | 2008/03/04 |
| | | external ele | | | USPAT; USOCR | | | 06:18 |
| S56 | 314 | S55 and the | ermosetting | | US-PGPUB; | ADJ | ON | 2008/03/04 |
| | | • | | | USPAT; USOCR | | | 06:18 |
| S57 | 60 | S56 and cor | nductive | | US-PGPUB; | ADJ | ON | 2008/03/04 |
| | 1 | particles | | | USPAT; USOCR | | | 06:18 |

| S58 | 202 | conductive (paste or adhesive) and conductive (powder or particle) and degree and resin and thermoset\$6 and melting (point or temperature) and (weight or mass) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:18 |
|-----|-----|--|--------------------|-----|----|---------------------|
| S59 | 109 | conductive (paste or adhesive) same (tin or sn or indium) and (weight or mass) with (percent or "%") with (tin or sn or indium) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:33 |
| S60 | 0 | conductive (paste or adhesive) same (tin or sn or indium) and (weight or mass) with (percent or "%") with (tin or sn or indium) and conductive powder and conductive particle | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:40 |
| S61 | 7 | conductive (paste or adhesive) same (tin or sn or indium) and (weight or mass) with (percent or "%") with (tin or sn or indium) and conductive powder | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:41 |
| S62 | 19 | conductive (paste or adhesive) same (tin or sn or indium) and (weight or mass) with (percent or "%") with (tin or sn or indium) and conductive particle | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:41 |
| S63 | 960 | conductive (paste or adhesive) and (weight or mass) with (percent or "%") and conductive particle | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:52 |
| S64 | 109 | conductive (paste or adhesive) and (weight or mass) with (percent or "%") and conductive particle and conductive powder | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:52 |

| S65 | 22 | conductive (paste or adhesive) and (weight or mass) with (percent or "%") and conductive particle and conductive powder and low with melting with (point or temperature) | US-PGPUB; USPAT | ADJ | ON | 2008/03/04 06:55 |
|-----|-----|---|--|-----|----|---------------------|
| S66 | 8 | conductive (paste or adhesive) same (tin or sn or indium) and (weight or mass) with (percent or "%") with (tin or sn or indium) and conductive powder | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 13:15 |
| S67 | 913 | electrode and (conductive near3 paste) same (tin or sn or indium) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 13:55 |
| S68 | 29 | electrode and (conductive near3 paste) same (tin or sn or indium) same resin and (tin or sn or indium) same("wt%" or ((weight or mass or wt) near2 (percent or "%"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 14:08 |
| S69 | 136 | ((TAKESHI) near2 (KIMURA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/07/08 14:19 |
| S70 | 2 | ((YAMATO) near2 (TAKADA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/07/08 14:19 |
| S71 | 3 | ((MICHINORI) near2 (KOMAGATA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/07/08 14:19 |
| S73 | 1 | ((KIMINORI) near2 (YOKOYAMA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2008/07/08 14:19 |
| S74 | 130 | electrode and (conductive near3 (paste or adhesive)) same (tin or sn or indium) and (tin or sn or indium) same("wt%" or ((weight or mass or wt) near2 (percent or "%"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 14:20 |
| S75 | 180 | ((MASAHIRO) near2 (KITAMURA)).INV. | JPO; DERWENT | ADJ | ON | 2008/07/08 14:20 |
| S76 | 11 | ((MICHINORI) near2 (KOMAGATA)).INV. | JPO; DERWENT | ADJ | ON | 2008/07/08 14:21 |
| S77 | 12 | ("3947956" "4795670" "5744758" "5879788" "5977490" "6207259" "6440542" "6459046"). PN. OR ("6641898"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/08 14:30 |

| S78 | 55 | (conductive near3 (paste or adhesive)).ab. and (tin or sn or indium) same("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and electrode | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 14:34 |
|-----|-----|---|--|-----|-----|---------------------|
| S79 | 105 | (conductive near3 (paste or adhesive)).ab. and (tin or sn or indium) same("wt %" or ((weight or mass or wt) near2 (percent or "%"))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/08 14:45 |
| S80 | 1 | 1979-24588B.NRAN. | DERWENT | ADJ | ON | 2008/07/09 08:24 |
| S81 | 1 | "54022596" | JPO | ADJ | ON | 2008/07/09 08:25 |
| S82 | 1 | ("5128827").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/02/09 13:20 |
| S83 | 11 | "10279903" OR "10022170" | JPO; DERWENT | ADJ | ON | 2009/02/10 12:55 |
| S85 | 104 | (conductive near3 (paste or adhesive)).ab. and (tin or sn or indium) same ("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/05/31 19:25 |
| S86 | 36 | (conductive near3 (paste or adhesive)).ab. and (tin or sn or indium) same ("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/05/31 19:25 |
| S87 | 352 | (conductive near3 (paste or adhesive)) and (tin or sn or indium) same ("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 06:59 |
| S88 | 306 | (conductive near3 (paste or adhesive)) and (tin or sn or indium) same ("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset\$5 and (powder or particle) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 07:01 |

| S89 | 162 | (conductive near3 (paste or adhesive)) and (tin or sn or indium) same ("wt %" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset\$5 and (powder or particle) with (tin or sn or indium) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 07:05 |
|-----|-----|---|--|-----|----|---------------------|
| S90 | 766 | (conductive near3 (paste or adhesive)) and ((Francium or Fr or Caesium or Cs or Gallium or Ga or Rubidium or K or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth)) same ("wt%" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset \$5 and (powder or particle) with (Francium or Fr or Caesium or Cs or Gallium or Ga or Rubidium or Rb or Potassium or K or Sodium or Na or li or lithium or bi or bismuth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 07:15 |
| S91 | 119 | (conductive near3 (paste or adhesive)).ab,ti. and ((Francium or Fr or Caesium or Cs or Gallium or Ga or Rubidium or K or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth)) same ("wt%" or ((weight or mass or wt) near2 (percent or "%"))) and (electrode or electronic or electrical) and thermoset \$5 and (powder or particle) with (Francium or Fr or Caesium or Cs or Gallium or Ga or Rubidium or Rb or Potassium or K or Sodium or Na or li or lithium or bi or bismuth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | OZ | 2009/06/01 07:15 |

| S92 | 10 | ("4221925" "4303715" "5227588" "5473120" "5744758" "5977490" "6087597" "6329610"). PN. OR ("6713687"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 07:31 |
|-----|-----|--|--|-----|----|---------------------|
| S93 | 132 | (conductive near3 (paste or adhesive)) with (electrode or electronic or electrical) and ((Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth)) same ("wt%" or ((weight or mass or wt) near2 (percent or "%"))) and thermoset\$5 and (powder or particle) with (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 07:35 |
| S94 | 121 | (mulitlayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) with capacitor.ab,ti. and (terminal or external) same (thermoset\$4 or epoxy) and conductive near2 (adhesive or paste) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:01 |
| S95 | 921 | (mulitlayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (thermoset \$4 or epoxy) and conductive near2 (adhesive or paste) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:14 |
| S96 | 290 | (mulitlayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (thermoset \$4 or epoxy) same conductive near2 (adhesive or paste) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:17 |

| S98 | 451 | (mulitlayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:24 |
|------|-----|--|--|-----|----|---------------------|
| S101 | 268 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (cured or cure or curing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:30 |
| S102 | 390 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (heat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 09:34 |
| S103 | 98 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (heat\$4 or cured or curing or cure) and (powder or particle) with (Francium or Fr or Caesium or Cs or Gallium or Ga or Rubidium or Rb or Potassium or K or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 10:17 |

| S104 | 55 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (heat\$4 or cured or curing or cure) and (powder or particle) with (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or li or lithium or bi or bismuth) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 10:19 |
|------|-----|---|--|-----|----|---------------------|
| S110 | 457 | (powder or particle) same (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) same(gold or silver or copper or ag or au or cu) same (thermoset \$4 or epoxy) and first near3 (metal or conductive or powder or particle) and second near3 (metal or conductive or powder or particle) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/01 10:54 |
| S111 | 242 | (powder or particle) same (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) same(gold or silver or copper or ag or au or cu) same (thermoset \$4 or epoxy) and first near3 (metal or conductive or powder or particle) and second near3 (metal or conductive or powder or particle) and (electrode or electronic or electrical) and (paste or adhesive) near3 conductive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 10:54 |

| S112 | 731 | (powder or particle) same (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) same(gold or silver or copper or ag or au or cu) same (thermoset \$4 or epoxy) and (electrode or electronic or electrical) and (paste or adhesive) near3 conductive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 13:17 |
|------|-----|---|--|-----|-----|---------------------|
| S114 | 242 | (powder or particle) same (Francium or Fr or Caesium or Gallium or Rubidium or Rb or Potassium or Sodium or Na or li or lithium or tin or sn or indium or bi or bismuth) same(gold or silver or copper or ag or au or cu) same (thermoset \$4 or epoxy) and first near3 (metal or conductive or powder or particle) and second near3 (metal or conductive or powder or particle) and (electrode or electronic or electrical) and (paste or adhesive) near3 conductive | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 13:19 |
| S115 | 489 | S112 not S114 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 13:19 |
| S116 | 135 | S115 and capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 13:19 |
| S117 | 2 | (("5,538,789") or ("5,565,267,")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 13:34 |
| S118 | 354 | S115 not S116 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | ON | 2009/06/01 14:11 |

| S119 | 22 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/08 14:58 |
|------|----|---|--|-----|----|---------------------|
| | | and (heat\$4 or cured or curing or cure) and (nickel or Ni) with internal | | | | |
| S123 | 25 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/14 15:41 |
| S124 | 45 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | | 2009/10/14 15:48 |
| S125 | 35 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and conductive near2 (adhesive or paste) same (thermoset\$4 or epoxy) and (heat\$4 or cured or curing or cure) and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/14 15:51 |
| S126 | 13 | S125 not S120 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/14 15:51 |

| S129 | 35 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and (terminal or external) same (thermoset\$4 or epoxy) and (heat\$4 or cured or curing or cure) and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 12:49 |
|------|-----|--|--|-----|----|---------------------|
| S130 | 18 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same conductive near2 (adhesive or paste) and (terminal or external) same (thermoset\$4 or epoxy) same (heat\$4 or cured or curing or cure) and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 12:51 |
| S131 | 53 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (thermoset \$4 or epoxy) same (heat \$4 or cured or curing or cure) and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:00 |
| S132 | 104 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (thermoset \$4 or epoxy) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:04 |
| S133 | 407 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (heat\$4 or cured or curing or cure) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:05 |

| S134 | 57 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (thermoset \$4 or epoxy) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:07 |
|------|-----|---|--|-----|----|---------------------|
| S135 | 70 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and conductive with (thermoset\$4 or epoxy) near3 resin and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:11 |
| S136 | 41 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and conductive with (thermoset\$4 or epoxy) near3 resin and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:11 |
| S137 | 56 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) same (cured or curing or cure) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:38 |
| S138 | 15 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (cured or curing or cure) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:43 |
| S139 | 32 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (cured or curing or cure) and (nickel or Ni) same internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:44 |
| S140 | 351 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (cured or curing or cure) and (nickel or Ni) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:49 |

| S141 | 10 | or Ni) with (inner or ` | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:53 |
|------|-----|--|--|-----|----|---------------------|
| S144 | 1 | 361/321.1.ccls. and (nickel or Ni) with (inner or internal or conductive) and (external or termination or terminal) with (cured or cure or curing or thermoset \$4 or epoxy) not 361/321.2.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:56 |
| S145 | 1 | 361/312.ccls. and (nickel or Ni) with (inner or internal or conductive) and (external or termination or terminal) with (cured or cure or curing or thermoset \$4 or epoxy) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:57 |
| S146 | 102 | "361".clas. and (nickel or Ni) with (inner or internal or conductive) and (external or termination or terminal) with (cured or cure or curing or thermoset \$4 or epoxy) and ceramic | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 13:58 |
| S147 | 93 | "361".clas. and (nickel or Ni) with (inner or internal) and (external or termination or terminal) same (cured or cure or curing or thermoset\$4 or epoxy) and ceramic | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:05 |
| S148 | 59 | S147 not S146 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:06 |
| S149 | 44 | "361".clas. and (nickel or Ni) with (inner or internal) and (electrode) with (cured or cure or curing or thermoset\$4 or epoxy) and ceramic | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:08 |
| S150 | 137 | "361".clas. and (nickel or Ni) with (inner or internal) and (external or termination or terminal or outer) with (resin) and ceramic | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:20 |

| S151 | 44 | "361".clas. and (nickel or Ni) with (inner or internal) and (external or termination or terminal or outer) with (resin) and ceramic not sinter\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:21 |
|------|-----|--|--|-----|----|---------------------|
| S153 | 90 | capacitor.ab,ti. and (terminal or external or outer) with (thermoset\$4 or resin) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:25 |
| S154 | 7 | capacitor.ab,ti. and (terminal or external or outer) with (thermoset\$4) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:28 |
| S156 | 20 | capacitor.ab,ti. and (terminal or external or outer) with (thermoset\$4 or resin) and (nickel or Ni) with internal and (cure or cured or curing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:33 |
| S158 | 18 | capacitor.ab,ti. and (terminal or external or outer) with (thermoset\$4 or resin) and (nickel or Ni) with inner and (cure or cured or curing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:35 |
| S159 | 57 | capacitor and (terminal or external or outer) with (thermoset\$4 or resin) and (nickel or Ni) with inner and (cure or cured or curing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/10/29 14:36 |
| S161 | 244 | (terminal or external or outer) with (thermoset\$4 or epoxy) and (nickel or Ni) with inner and (eletronic or electrical) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:00 |
| S162 | 22 | (terminal or external or outer) with (thermoset\$4 or epoxy) and (nickel or Ni) with inner and piezoelectric | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:01 |
| S163 | 2 | (terminal or external or outer) with (thermoset\$4 or epoxy) and (nickel or Ni) with inner and ferroelectric | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:04 |

| S164 | 120 | (terminal or external or outer) with (resin) same2 (cure or cured or curing) and (nickel or Ni) with inner and (eletronic or electrical) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:08 |
|------|-----|---|--|-----|----|---------------------|
| S165 | 7 | (terminal or external or outer) with (resin) same2 (cure or cured or curing) and (nickel or Ni) with inner and piezoelectric | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:08 |
| S166 | 240 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (heat\$4 or cured or curing or cure) and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:33 |
| S167 | 132 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (heat\$4 or cured or curing or cure) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:39 |
| S168 | 8 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (cured or curing or cure) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:39 |
| S169 | 844 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:40 |

| S170 | 9 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with thermoset \$6 and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 11:40 |
|------|-----|--|--|-----|-----|---------------------|
| S171 | 111 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (resin or epoxy) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 12:43 |
| S172 | 42 | (US-20060044098-\$ or US-20020079135-\$ or US-20020043652-\$ or US-20010001258-\$ or US-20020114726-\$ or US-20020114726-\$ or US-20020084350-\$).did. or (US-4696764-\$ or US-6525921-\$ or US-5376403-\$ or US-3800020-\$ or US-4147669-\$ or US-4233103-\$ or US-4733018-\$ or US-6956731-\$ or US-4398975-\$ or US-7188412-\$ or US-6641898-\$ or US-6713687-\$ or US-5128827-\$ or US-6641898-\$ or US-6370013-\$ or US-5463190-\$ or US-7022266-\$ or US-7075183-\$ or US-5805409-\$ or US-5335139-\$ or US-621011-\$).did. or (JP-2004059987-\$ or JP-10022170-\$ or JP-04096310-\$ or JP-04096310-\$ or JP-10022170-\$ or JP-100297-\$).did. | US-PGPUB; USPAT; JPO; DERWENT | ADJ | No. | 2009/11/02 |
| S173 | 10 | S172 and (nickel or ni) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 12:52 |

| S174 | 6 | S172 and (thermoset\$4) with (external or terminal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 12:56 |
|------|----|--|--|-----|----|---------------------|
| S175 | 20 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (polymer) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 12:59 |
| S176 | 0 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (curable) and (nickel or Ni) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 13:08 |
| S177 | 3 | electrode and (terminal or external or outer) with (curable) and (nickel or Ni) with internal not ((terminal or external or outer) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 13:09 |
| S178 | 13 | electrode and (terminal or external or outer) with (cured or curing or cure) with (resin or epoxy or polymer) and (nickel or Ni) with internal not ((terminal or external or outer) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 13:09 |
| S179 | 17 | electrode and (terminal or external or outer) with (thermoset\$6 or thermo set \$6) and (nickel or Ni) with internal not ((terminal or external or outer) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/02 13:11 |

| S180 | 139 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (polymer) and (metal) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:33 |
|------|-----|---|--|-----|----|---------------------|
| S181 | 8 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (polymer) and (metal) with internal not ((terminal or external) with (sinter\$4 or firing or fired)) and capacitor | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:33 |
| S182 | 37 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (thermoset \$6) and (metal) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:34 |
| S183 | 919 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (heat\$5 or cured or cure or curing) and (metal) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:42 |
| S184 | 65 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (heat\$5 or cured or cure or curing) with resin and (metal) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:42 |
| S185 | 17 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal or external) with (heat\$5 with (cured or cure or curing)) and (metal) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:43 |
| S186 | 4 | piezoelectric and (nickel or Ni) with internal with (advantage or inexpenisve or cheap) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:50 |

| S187 | 535 | piezoelectric and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:50 |
|------|-----|---|--|-----|----|---------------------|
| S188 | 42 | piezoelectric actuator and (nickel or Ni) with internal and advantages with (nickel or ni) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:51 |
| S189 | 162 | piezoelectric actuator and (nickel or Ni) with internal | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:51 |
| S190 | 27 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (electrode) with (thermoset\$6) and (nickel or Ni) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:56 |
| S191 | 61 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (electrode) with (cured or cure or curing or heat\$4) with resin and (nickel or Ni) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 08:59 |
| S192 | 289 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (nickel or Ni) with (inner or internal) and thermoset\$5 with resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/09 09:03 |
| S193 | 44 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (thermoset\$5) with resin and (nickel or Ni) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:00 |
| S194 | 119 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (thermoset\$5) and (nickel or Ni) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:24 |
| S195 | 75 | S194 not S193 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:24 |
| S196 | 15 | S194 not S193 not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:24 |

| S197 | 2 | "04096310" | JPO; DERWENT | ADJ | ON | 2009/11/13 09:31 |
|------|-----|---|--|-----|----|---------------------|
| S198 | 1 | 1992-156725.NRAN. | DERWENT | ADJ | ON | 2009/11/13 09:31 |
| S199 | 297 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (thermoset\$5) and (metal) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:46 |
| S200 | 146 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (thermoset\$5) and (metal) with (inner or internal) not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:48 |
| S201 | 301 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene) and (metal) with (inner or internal) not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:52 |
| S202 | 39 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (external or outer) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene) and (ni or nickel) with (inner or internal) not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:53 |
| S203 | 5 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene) and (ni or nickel) with (inner or internal) not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:58 |

| S204 | 32 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (terminal) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene) and (metal) with (inner or internal) not golf | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 09:59 |
|------|-----|---|--|-----|----|---------------------|
| S205 | 5 | (capacitor).ab,ti. and (terminal or outer or external) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:02 |
| S206 | 12 | (capacitor).ab,ti. and (terminal or outer or external) with (phenol\$5 or \$5phenol or \$5urethane or xylene\$5 or urethane\$5 or \$5xylene or thermoset \$6) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:03 |
| S207 | 483 | (capacitor).ab,ti. and (terminal or outer or external) with (paste) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:05 |
| S208 | 0 | (capacitor).ab,ti. and (terminal or outer or external) with (paste) with (set or cured or curing or cure) with resin and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:05 |
| S209 | 9 | (capacitor).ab,ti. and (terminal or outer or external) with (paste) with (set or cured or curing or cure) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:05 |
| S210 | 7 | (capacitor).ab,ti. and (terminal or outer or external) with (resin) with (set or cured or curing or cure) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:07 |

| S211 | 109 | (capacitor).ab,ti. and (terminal or outer or external) with (set or cured or curing or cure) and (ni or nickel) with (inner or internal) not baked | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:07 |
|------|-----|---|--|-----|----|---------------------|
| S212 | 4 | (capacitor).ab,ti. and (terminal or outer or external) with (cured or curing or cure) and (ni or nickel) with (inner or internal) not baked | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:08 |
| S213 | 4 | (capacitor).ab,ti. and (terminal or outer or external) with (cured or curing or cure) and (ni or nickel) with (inner or internal) not (baked with (terminal or outer or external)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:08 |
| S214 | 3 | (capacitor).ab,ti. and (terminal or outer or external) with (cured or curing or cure) and (ni or nickel) with (inner or internal) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:09 |
| S215 | 20 | (capacitor).ab,ti. and (terminal or outer or external) with (cured or curing or cure) and (metal) with (inner or internal) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/13 10:09 |
| S216 | 0 | (capacitor).ab,ti. and (terminal or outer or external) with (thermoset \$5) with (set or cured or curing or cure) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:23 |
| S217 | 133 | (capacitor).ab,ti. and (terminal or outer or external) with (resin) and (ni or nickel) with (inner or internal) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:24 |
| S218 | 3 | (capacitor).ab,ti. and (terminal or outer or external) with (polyimide) and (ni or nickel) with (inner or internal) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:24 |

| S219 | 0 | (capacitor).ab,ti. and (terminal or outer or external) with (heat\$4 near4 (cured or cure or curing)) and (ni or nickel) with (inner or internal) and resin | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:25 |
|------|-----|--|--|-----|----|---------------------|
| S220 | 0 | (capacitor).ab,ti. and (terminal or outer or external) with (heat\$4 near4 (cured or cure or curing)) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:25 |
| S221 | 0 | (capacitor).ab,ti. and (terminal or outer or external) with (heat\$4 with (cured or cure or curing)) and (ni or nickel) with (inner or internal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:25 |
| S222 | 155 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4).ab, ti. and (internal or inner) with (ni or nickel) same advantage | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:41 |
| S223 | 94 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) with capacitor.ab,ti. and (internal or inner) with (ni or nickel) same advantage | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:42 |
| S224 | 417 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) with capacitor.ab,ti. and (internal or inner) with (ni or nickel) same (silver or ag or palladium or pd) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:44 |
| S225 | 31 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) with capacitor.ab,ti. and (internal or inner) with (ni or nickel) same (silver or ag or palladium or pd) and (ni or nickel) with advantage | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:45 |
| S226 | 4 | "2001085263" | JPO; DERWENT | ADJ | ON | 2009/11/16 10:50 |

| S227 | 43 | (multilayer\$2 or ceramic or multi near3 layer\$2 or laminat\$4 or stack\$4) with capacitor.ab,ti. and (internal or inner) with (ni or nickel) with advantage | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2009/11/16 10:51 |
|------|-----|---|--|-----|----|---------------------|
| S228 | 1 | "2000348963" | JPO | ADJ | ON | 2009/11/16 10:55 |
| S229 | 315 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) and (Sn or tin) and bisphenol\$5 and resol \$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 15:43 |
| S230 | 76 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) and (Sn or tin) and bisphenol\$5 same resol\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 15:44 |
| S231 | 75 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) and (Sn or tin) and bisphenol\$5 same resol\$6 and (capacitor or electronic or electrical) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 15:44 |
| S232 | 22 | conduct\$5 near3 (paste or adhesive or glue).ab,ti. and (Ag or silver) and (Sn or tin) and bisphenol\$5 same resol\$6 and (capacitor or electronic or electrical) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 15:49 |
| S233 | 1 | ("2005/0230667").URPN. | USPAT | ADJ | ON | 2010/02/28 16:10 |
| S234 | 1 | conduct\$5 near3 (paste or adhesive or glue).ab,ti. and (Ag or silver) and (Sn or tin) and bisphenol\$5 same resol\$6 not S232 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:11 |
| S235 | 12 | ("5716663" "5853622" "5928404" "6663798" "6713687" "6926849"). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:17 |
| S236 | 3 | S235 and (silver or Ag) and (Tin or Sn) and (phenol or resole) and thermoset\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:19 |

| S237 | 0 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) with3 (Sn or tin) same4 (bisphenol\$5 or resol\$6) and (capacitor or electronic or electrical) and bisphenol\$5 same resol\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:22 |
|------|----|---|--|-----|----|---------------------|
| S238 | 0 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) with3 (Sn or tin) same4 (bisphenol\$5 or resol\$6) and bisphenol\$5 same resol\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:22 |
| S239 | 27 | conduct\$5 near3 (paste or adhesive or glue) and (Ag or silver) same (Sn or tin) same4 (bisphenol\$5 or resol\$6) and bisphenol\$5 same resol\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/02/28 16:22 |
| S246 | 6 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) with (NI or nickel) and capacitor.ab,ti. and conduct\$5 near3 (paste or adhesive or glue) with (thermoset\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:19 |
| S247 | 16 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) with (NI or nickel) and capacitor and conduct\$5 near3 (paste or adhesive or glue) with (thermoset\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:21 |
| S248 | 26 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) with (NI or nickel) and capacitor and conduct\$5 near3 (paste or adhesive or glue) with (cured or cure or curing) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:22 |

| S249 | 3 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) with (NI or nickel) and conduct\$5 near3 (paste or adhesive or glue) with (cured or cure or curing) not \$248 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:32 |
|------|-----|--|--|-----|----|---------------------|
| S250 | 1 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) with (NI or nickel) and conduct\$5 near3 (paste or adhesive or glue) with (thermoset \$5) not \$247 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:32 |
| S251 | 54 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) same3 (NI or nickel) and conduct\$5 near3 (paste or adhesive or glue) with (thermoset\$5 or curing or cured or cure) and (capacitor or electronic).ab,ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:34 |
| S252 | 19 | conduct\$5 near3 (paste or adhesive or glue) with (terminal or (external or outer) near4 electrode) and (internal or inner) near4 (conduct\$4 or electrode) same3 (NI or nickel) and conduct\$5 near3 (paste or adhesive or glue) with (thermoset\$5 or curing or cured or cure) and (capacitor or electronic) not \$251 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 11:49 |
| S253 | 234 | 361/308.1.ccls. not 361/306.3.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 13:12 |
| S254 | 39 | ((MASAHIRO) near2 (KITAMURA)).INV. | US-PGPUB; USPAT | ADJ | ON | 2010/03/02 13:12 |

| S255 | \$ 252/500.ccls. not 361/306.3,308.1.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 13:18 |
|------|---|--|-----|----|---------------------|
| S256 | 252/500.ccls. not 361/306.3,308.1.ccls. and (capacitor or electronic) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2010/03/02 13:18 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------|------------------|--|------------------|
| S240 | 0 | ((multilayer\$3 or multi near3 layer\$4 or stack \$4 or laminat\$6) and thermoset\$6 and conductive near3 (paste or adhesive or glue) and (Ag or silver) and (Tin or Sn) and resol\$6 and bisphenol\$7 and (weight or mass)).clm. | US-PGPUB; USPAT; UPAD | ADJ | ON The state of th | 2010/03/01 06:44 |
| S241 | 8 | ((multilayer\$3 or multi near3 layer\$4 or stack \$4 or laminat\$6) and thermoset\$6 and conductive near3 (paste or adhesive or glue) and (Ag or silver) and (Tin or Sn) and (weight or mass)). clm. | US-PGPUB; USPAT; UPAD | ADJ | | 2010/03/01 06:44 |
| S242 | 1 | ((external or outer) near4 (electrode or terminal) and thermoset\$6 and conductive near3 (paste or adhesive or glue) and (Ag or silver) and (Tin or Sn) and (weight or mass)). clm. | US-PGPUB; USPAT; UPAD | ADJ | | 2010/03/01 06:48 |
| S243 | 1 | ((external or outer) near4 (electrode or terminal) and thermoset\$6 and conductive near3 (paste or adhesive or glue) and (powder) same (particle) and (weight or mass)).clm. | US-PGPUB; USPAT; UPAD | ADJ | | 2010/03/01 06:49 |

| S244 | 5 | ((multilayer\$3 or multi | | ADJ | ON | 2010/03/01 06:49 |
|------|---|--------------------------|-------------|-----|----|------------------|
| | | near3 layer\$4 or stack | USPAT; UPAD | | | |
| | | \$4 or laminat\$6) and | | | | |
| | | thermoset\$6 and | | | | |
| | | conductive near3 | | | | |
| | | (paste or adhesive or | | | | |
| | | glue) and (powder) | | | | |
| | | same (particle) and | | | | |
| | | (weight or mass)).clm. | | | | |

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